



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:)	
)	
Volkan Kursun et al.)	Art Unit: 2819
)	
Application No.: 10/608,421)	Examiner: Tran, Anh Q.
)	
Filing date: July 30, 2003)	Attorney Docket No.:
)	000687-00302
Confirmation No. 8087)	
)	Date: April 14, 2005
Title: Domino Logic With Variable Threshold)	
Voltage Keeper)	

DECLARATION UNDER 37 C.F.R. § 1.132

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In support of the Amendment filed concurrently herewith, the undersigned hereby declare as follows.

1. We are the named inventors in the above-captioned patent application.
2. We submit the present Declaration to remove U.S. Patent No. 6,346,831 to *Krishnamurthy et al* (hereafter "the applied reference") as available prior art against the above-captioned patent application by showing that the reference is not an enabling reference for the subject matter for which it is applied against the present claimed invention.
3. The outstanding Office Action cites the applied reference, column 7, lines 45-48, for teaching to apply a reverse body bias voltage to the keeper. However, for the reasons set forth below, that passage from the applied reference describes an impossibility and thus does not provide an enabling disclosure of the subject matter for which it is cited.

4. According to the applied reference, column 7, lines 45-48, the reverse body bias voltage is provided "to decrease V_t and decrease leakage and increase noise immunity."

5. The applied reference is concerned primarily with MOSFETs. To increase the V_t of a MOSFET, the MOSFET must be reverse body biased. When a keeper transistor in the device of the applied reference is reverse body biased, the noise immunity is degraded. Therefore, the applied reference cannot possibly be talking about reverse body biasing the keeper.

6. Accordingly, neither the applied reference nor any other reference provides an enabling disclosure for body biasing the keeper to reduce leakage and increase noise immunity, since increasing noise immunity and reducing leakage are mutually exclusive. Any technique that reduces the leakage by body biasing the keeper degrades noise immunity. Alternatively, any technique that body biases the keeper to increase noise immunity also increases the leakage. Accordingly, what is described in the cited portion of the applied reference is impossible.


7. Thus, those skilled in the art will recognize that the applied reference is a non-enabling reference with regard to the teachings for which it is cited.

8. The present invention, as disclosed and claimed, avoids the above difficulties, as the present disclosure and claims do not include the same mutually contradictory assertions found in the applied reference.

The undersigned further declare that all statements herein made on the basis of their actual knowledge are true and that all statements herein made on information and belief are believed to be true, and that all statements herein were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and

that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Volkan Kursun", is written over a horizontal line.

Volkan Kursun

Eby G. Friedman

that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully Submitted,



Volkan Kursun

A handwritten signature in cursive script that reads "Eby G. Friedman".

Eby G. Friedman